

REMARKS

ELECTION OF SPECIES

Claims 1-24 and 27-32 are pending in the application. In the office action dated April 27, 2005, the examiner has alleged that the application contains claims directed to the following three patently distinct species:

- "a. Wherein the star tracker is the sole source of attitude sensor data
- b. Wherein the combination of the star tracker and the gyro is the sole source of attitude sensor data.
- c. Wherein the combination of the star trackers, gyro units and solar wing current sensors is the sole source of attitude sensor data."

The examiner has also alleged that the application contains claims directed to the following three patently distinct species:

- "x) using bi-propellant transfer orbit operation
- y) Using XIP Engine for the electrical propulsion transfer orbit operation
- z) using a Hall Effect Thruster for the electrical propulsion transfer orbit operation"

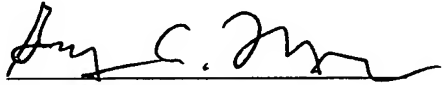
The Applicants hereby elect for examination on the merits, without traverse, the claims of species a, corresponding to claims 27 and 28. Claims 1-24 are generic to species a-c. Applicants also hereby elect species x, corresponding to claim 17, with claims 1-16 and 21-24 being generic to species x-z. In so doing, the Applicants do not intend to abandon the scope of the non-elected claims as originally filed, but may pursue the non-elected claims in a divisional application.

Application No.: 10/727,764

No additional fee is believed due at this time. However, the Commissioner is hereby authorized to charge any fee deficiency, or to credit any overpayments, to Deposit Account No. 13-2855 of the undersigned's firm.

Respectfully submitted,

Dated: May 27, 2005

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